

ECH116RM

 规格书编号/Specification File No.: **SF-ECH116RM-001**

版本/Version: A2

一般資訊 / General Information

产品长叙述/Long description	PCB Connector; Pitch:10.16, 300V,51A
产品类型/Category	PCB Connector – Socket
间距/ Pitch (mm)	10.16
产品颜色/ Color	Refer to drawing
固定方式/ Type of locking	With threaded flange
焊接方式/Soldering Method	Wave soldering
产品长度/ Length (mm)	10.16*(P-1)+27.92
产品宽度/ Width (mm)	32
产品高度/ Height (mm)	13.7
引脚尺寸(厚度___x 宽度___mm)/ Pin dimensions(mm)	3*1x1.2
出脚长度/Pin length(mm)	4
焊孔直径 / PCB hole diameter(mm)	1.75~1.85
电位数/Circuit diagram	2~8
产品点数 / Number of poles	02P~08P
产品层数/Level	1
连接点数/Connection points	2~8

材料信息 / Material Information

绝缘材料/ Insulating material	PA66
绝缘材料组别 / Insulating material group	I
阻燃等级,符合 UL94 / UL94 Flammability rating	V0
绝缘阻抗/ Insulation resistance	≥500MΩ at DC 500V
导体材料/Contact material	COPPER ALLOY
导体表面镀层/Contact surface	Ag PLATED

IEC数据 / IEC Data

额定电压 / Rated Voltage (V)	1000
额定电流 / Rated Current (A)	76
额定电压 (II/2) / Rated Voltage (II/2) (V)	1000
额定电压 (III/2) / Rated Voltage (III/2) (V)	1000
额定电压 (III/3) / Rated Voltage (III/3) (V)	1000

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额定冲击电压(II/2) / Rated Impulse Voltage (II/2)(kV)	6
额定冲击电压(III/2) / Rated Impulse Voltage (III/2)(kV)	8
额定冲击电压(III/3) / Rated Impulse Voltage (III/3)(kV)	8

UL数据 / UL Data

额定电压 (UL/CUL 标准 B 组)/Rated Voltage (UL/CUL Group B)(V)	300
额定电流 (UL/CUL 标准 B 组)/Rated Current (UL/CUL Group B) (A)	51
额定电压 (UL/CUL 标准 C 组)/ Rated Voltage (UL/CUL Group C)(V)	300
额定电流 (UL/CUL 标准 C 组)/Rated Current (UL/CUL Group C) (A)	51
额定电压 (UL/CUL 标准 D 组)/ Rated Voltage (UL/CUL Group D)(V)	600
额定电流 (UL/CUL 标准 D 组)/Rated Current (UL/CUL Group D) (A)	5

通用参数/ General Data

法兰最大扭矩 /Tightening flange torque Max (N.m)	0.5
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环境与安全/ Environmental and safety

手指防护(YES or NO) / Finger protection	YES
最高工作温度 / Operating temperature max (°C)	120
最低工作温度 / Operating temperature min (°C)	-40

产品认证/许可/ Approvals



UL Recognized

额定电压 B 组/Rated Voltage (Group B) (V)	300
额定电流 B 组/Rated Current (Group B) (A)	51
额定电压 C 组/Rated Voltage(Group C) (V)	300
额定电流 C 组/Rated Current(Group C) (A)	51
额定电压 D 组/Rated Voltage(Group D) (V)	600

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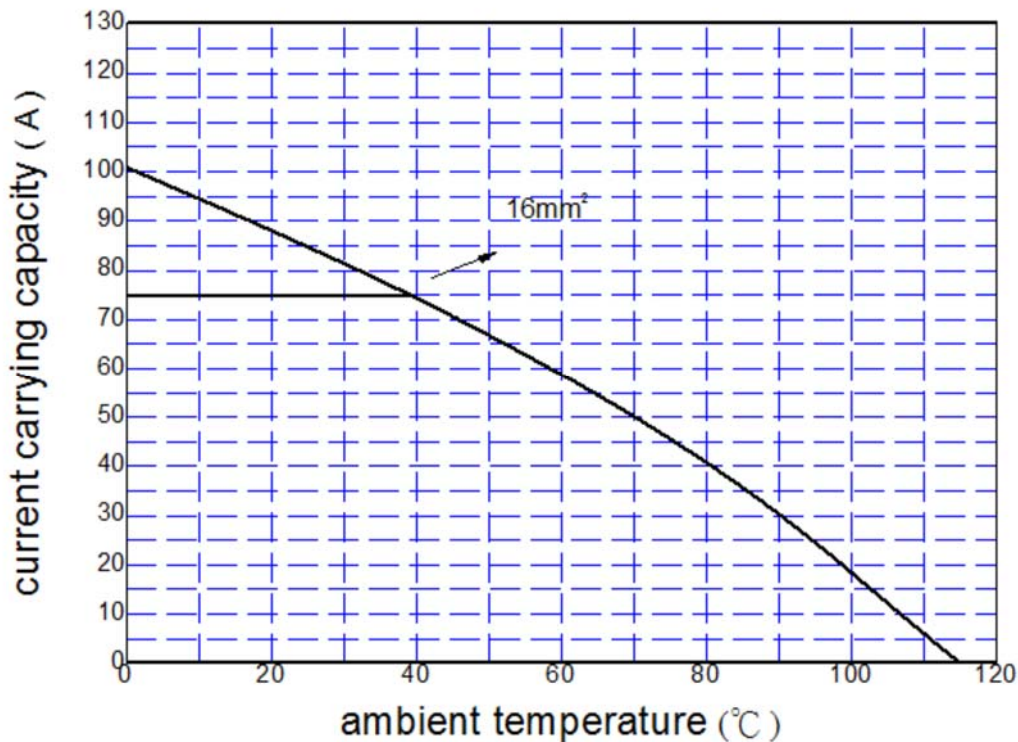
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额定电流 D 组/Rated Current(Group D) (A)	5
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CUL Recognized

额定电压 B 组/Rated Voltage (Group B) (V)	300
额定电流 B 组/Rated Current (Group B) (A)	51
额定电压 C 组/Rated Voltage(Group C) (V)	300
额定电流 C 组/Rated Current(Group C) (A)	51
额定电压 D 组/Rated Voltage(Group D) (V)	600
额定电流 D 组/Rated Current(Group D) (A)	5

降额曲线图 / Derating Curve



Reduction factor=0.8